Title: SYSTEM AND METHOD FOR MORE EFFICIENT AUTOMATIC IRRIGATION BASED ON A LARGE NUMBER OF CHEAP HUMIDITY SENSORS AND AUTOMATIC FAUCETS

Abstract: The most efficient water irrigation systems today for gardens and/or fields typically use drip systems that release drops of water at certain distance intervals for example for about 30-60 minutes per day (for example every 30-100 cm of the pipe there is a dropper that releases typically 2 liters of water per hour) and are typically controlled by timers that start or stop the water in the main pipes. The present invention provides much cheaper humidity sensors that are still quite reliable and also much cheaper automatic faucets, so that preferably each plant or (preferably small) group of plants can be automatically watered by an individual set of moisture sensor and automatic faucet.
INTERNATIONAL SEARCH REPORT

INTERNATIONAL APPLICATION No.
PCT/IB03/00195

A. CLASSIFICATION OF SUBJECT MATTER
IPC(S) : B05B 12/12
US CL : 239/63, 67, 68, 69, 70

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. :

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tbody>
<tr>
<td>Y</td>
<td>US 6,036,104 A (SHIH) 14 March 2000 (14.03.2000), See entire document.</td>
<td>1-62</td>
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

Date of the actual completion of the international search
23 March 2004 (23.03.2004)

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